AIR FORCE

QUALIFICATION TRAINING PACKAGE (AFQTP)

FOR

ENVIRONMENTAL CONTROLS

(3E4X3)

MODULE 16

ENVIRONMENTAL MANAGEMENT

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MODULE 16

ENVIRONMENTAL MANAGEMENT

Career Field Education and Training Plan (CFETP) references from 1 Apr 02 version.

OPR: HQ AFCESA/CEOF
(SMSgt James B. Lucas)
Supersedes AFQTP 3E0X2-16, 1 Oct 99

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(CMSgt Myrl F. Kibbe)
Pages: 14/Distribution F

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AIR FORCE QUALIFICATION TRAINING PACKAGES
FOR
ENVIRONMENTAL CONTROLS
(3E4X3)

INTRODUCTION

Before starting this AFQTP, refer to and read the "AFQTP Trainer/Trainee Guide."

   AFQTPs are mandatory and must be completed to fulfill task knowledge requirements on core and diamond tasks for upgrade training. **It is important for the trainer and trainee to understand** that an AFQTP **_does not_** replace hands-on training, nor will completion of an AFQTP meet the requirement for core task certification. AFQTPs will be used in conjunction with applicable technical references and hands-on training.

   AFQTPs and Certification and Testing (CerTest) must be used as minimum upgrade requirements for Diamond tasks.

MANDATORY minimum upgrade requirements:

Core task:
   AFQTP completion
   Hands-on certification

Diamond task:
   AFQTP completion
   CerTest completion (80% minimum to pass)

Note: *Trainees will receive hands-on certification training for Diamond Tasks when equipment becomes available either at home station or at a TDY location.*

Put this package to use. Subject matter experts under the direction and guidance of HQ AFCESA/CEOF revised this AFQTP. If you have any recommendations for improving this document, please contact the Career Field Manager at the address below.

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ENVIRONMENTAL COMPLIANCE ASSESSMENT MANAGEMENT PROGRAMS (ECAMP) ASSESSMENTS

MODULE 16   **AFQTP UNIT 6**

PERFORM ASSESSMENTS (16.6.1.)

PERFORM ASSESSMENTS

Task Training Guide

STS Reference Number/Title:	16.6.1., Perform Assessments.
Training References:	1. AFI 32-7045, *Environmental Compliance Assessment and Management Program (ECAMP).* 2. AFI 32-7047, *Compliance Tracking and Reporting*.

Prerequisites:	1. **Possess as a minimum a 3E453 AFSC.**
	2. **Review the following references:**
	    2.1. AFI 32-7045.
	    2.2. AFI 32-7047.

Equipment/Tools Required:	1. ECAMP Protocols. 2. Past ECAMP Findings (Environmental Flight has these).
Learning Objective:	Trainee will gain knowledge necessary to perform ECAMP assessments.
Samples of Behavior:	Trainee will perform ECAMP assessments using the protocols and past ECAMP findings.
Notes:	
To successfully complete this element follow the steps outlined in this text and the ECAMP protocols --no exceptions.	

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PERFORM ASSESSMENTS

1. Background: In response to Executive Order (EO) 12088, *Federal Compliance and Pollution Standards,* the Air Force designed the Environmental Compliance Assessment and Management Program (ECAMP). This program helps ensure that Air Force active and reserve components worldwide, and government-owned, contractor-operated (GOCO) facilities are in compliance with all applicable pollution control standards. The Air National Guard Readiness Center/Civil Engineering (ANGRC/CE) may set specific policies in accordance with AFI 32-7045, *Environmental Compliance Assessment and Management Program (ECAMP)* that serves the needs of the ANG and the State Adjutant Generals.

1.1. ECAMP is defined as a comprehensive "self-evaluation" management program to achieve, maintain, and monitor environmental success through assessments and management plans. Installation commanders use this program to assess the status of environmental compliance and to identify and track solutions to compliance problems. ECAMP assessments are grouped into two categories; External evaluations, done every three years, and Internal evaluations (performed each year when an external is not done).

1.2. ECAMP assessments are divided into eleven protocols. The protocols are: Air Emissions Management, Hazardous Materials Management, Hazardous Waste Management, Natural and Cultural Resource Management, Noise Management (environmental), Pesticide Management, Pollution Prevention Management, Petroleum, Oil and Lubricant (POL), Solid Waste Management, Special Programs and Water Quality Management.

2. *To perform the ECAMP process, follow these steps:*

Step 1: Determine which protocol you are to perform.

HINT:

1. A protocol is a set of standards or guidelines that explain what must be accomplished or observed. This includes a review of relevant federal, state and local regulations, instructions, and directives for the installation, support site or government-owned, contractor operated facilities.

2. Follow the protocols for your specific area of concern (see **Figures 1a-c, Pre-assessment Self-Evaluation Checklists**). The entire assessment team will assemble and discuss the write-ups and a plan of delivery before it is presented to the installation commander.

Step 2: Perform a pre-assessment activity.

Step 3: Review past ECAMP reports.

Step 4: Perform a site assessment. This is the inspection phase of an ECAMP.

Step 5: Compare site operations with environmental standards in the protocol and write up deficiencies.

Step 6: Record findings and comments daily (provides info. to write Prelim. Environ. Findings.)

Step 7: Report all deficiencies <u>immediately</u> to the appropriate management personnel.

7.1. This will allow corrective actions to start right away.

Step 8: Provide an out-brief to the installation commander.

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Compliance Areas	Findings			
	Significant	Major	Minor	Total
Air Emissions				
1. Fuel Burners				
2. Incinerators				
3. Volatile Organics				
4. Vehicle Emissions				
5. Ozone Depleting Chemicals				
6. Particulates, (e.g., Bead Blasting)				
7. Air Toxics Metals				
8. General Requirements				
TOTAL				
Hazardous Materials				
1. Storage Structures				
2. Operations/ Management				
TOTAL				
Hazardous Waste				
1. Accumulation Points				
2. TSD Facilities				
3. Training				
4. Waste Minimization				
5. Oil/Water				
6. Satellite Accumulation Points				
7. Operational Procedures				
TOTAL				
Natural/Cultural Resources				
1. Wildlife/Recreation/ Forestry				
2. Cultural/Historic				
3. Land/Agriculture				
4. Wetlands/Flood plains				
TOTAL				

Figure 1a, Pre-assessment Self-Evaluation Checklist

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Compliance Areas	Findings			
	Significant	Major	Minor	Total
Noise (Environmental)				
1. AICUZ				
2. Procedures				
3. Management				
TOTAL				
Pesticide Management				
1. Facilities/Equipment				
2. Operations/Management				
TOTAL				
Pollution Prevention				
1. Recycling				
2. Management				
TOTAL				
POL				
1. Above Ground Tanks				
2. Underground Tanks				
3. Operations/Management				
4. Loading/Unloading Racks				
5. Oil/Water Separators				
6. Drum Storage				
7. Hydrant System				
TOTAL				
Solid Waste				
1. Landfill				
2. Receptacles				
3. Recycling				
4. Compost				
5. Medical Waste				
6. Regulated Waste				
TOTAL				

Figure 1b, Pre-assessment Self-Evaluation Checklist

Compliance Areas	Findings			
	Significant	**Major**	**Minor**	**Total**
Special Programs				
1. PCB				
2. Asbestos				
3. Radon Mitigation				
4. IRP				
5. EIAP				
6. A-106				
7. ECAMP (Preparation/Conduct)				
8. Lead-base Paint				
9. Low-level Radiation				
TOTAL				
Water Quality				
1. Sanitary Wastewater				
2. Industrial Wastewater				
3. Storm water Runoff				
4. Non-point Runoff				
5. Facilities/Equipment				
6. Oil/Water Separators				
7. Drinking Water				
TOTAL				
TOTAL FINDINGS				
	Significant	**Major**	**Minor**	**Total**

Figure 1c, Pre-assessment Self-Evaluation Checklist

AFQTP 3E4X3-16
16.6.1.

REVIEW QUESTIONS
FOR
PERFORM ASSESSMENTS

QUESTION	ANSWER
1. What policy governs the Air Force ECAMP process?	a. Executive Order 12088. b. AFI 32-4570. c. AFI 32-1076. d. AFI 92-16.
2. Air National Guard units are **not** subject to any ECAMP assessments?	a. True. b. False.
3. ECAMP is defined as a _____ "self-evaluation" and program management system.	a. cooperative b. comprehensive c. cohesive d. collective
4. Which phase of an ECAMP is known as the inspection phase?	a. Pre-assessment. b. Post assessment. c. Site assessment. d. Internal assessment.
5. Past ECAMP reports are not reviewed?	a. True. b. False.
6. The last step in the ECAMP process is what?	a. Final report. b. Management Action Plan. c. Correct findings. d. Out-brief the installation commander.

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PERFORM ASSESSMENTS

PERFORMANCE CHECKLIST

INSTRUCTIONS:

The trainee must satisfactorily perform all parts of the task without assistance. Evaluate the trainee's performance using this checklist.

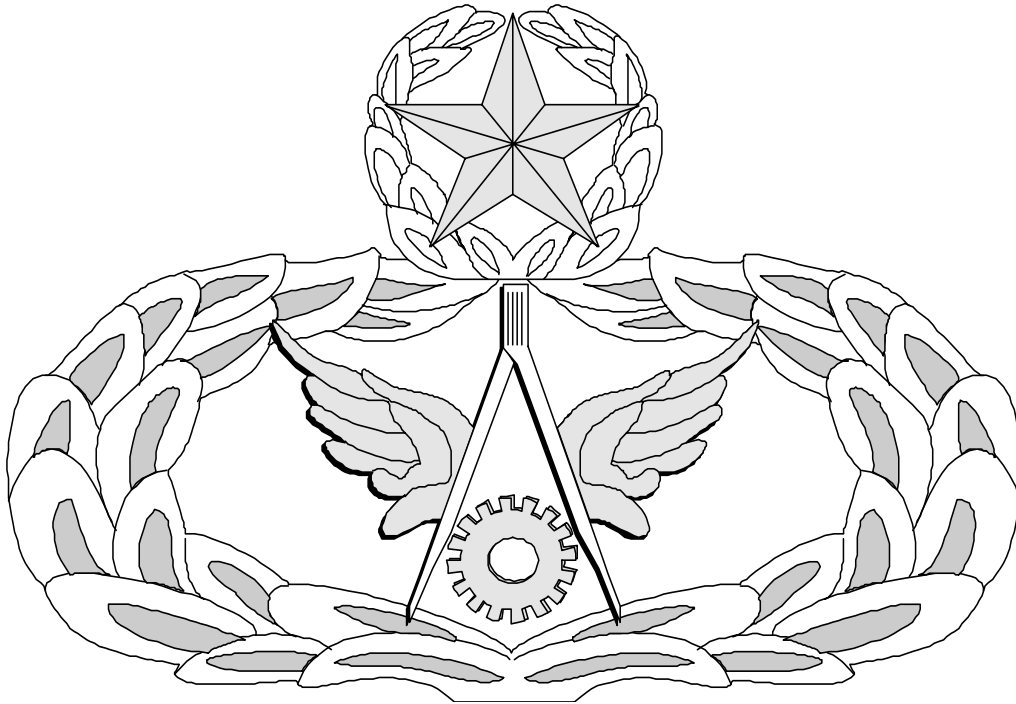| DID THE TRAINEE….?	YES	NO
1. Obtain the applicable protocols		
2. Perform the pre-assessment		
3. Perform a site assessment		
4. Review past ECAMP reports		
5. Inspect site operations		
6. Record all findings and comments		
7. Give all deficiencies to management personnel		
8. Provide information for the out-briefing to installation commander		

FEEDBACK: Trainer should provide both positive and/or negative feedback to the trainee immediately after the task is performed. This will ensure the issue is still fresh in the mind of both the trainee and trainer.

Air Force Civil Engineer

QUALIFICATION TRAINING PACKAGE (QTP)

REVIEW ANSWER KEY

ENVIRONMENTAL CONTROLS

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PERFORM ASSESSMENTS
(3E4X3-16.6.1.)

QUESTION	ANSWER
1. What policy governs the AF ECAMP process?	a. Executive Order 12088.
2. Air National Guard units are **not** subject to any ECAMP assessments?	b. False.
3. ECAMP is defined as a _____ "self-evaluation" and program management system.	b. comprehensive
4. Which phase of an ECAMP is known as the inspection phase?	c. Site assessment.
5. Past ECAMP reports are not reviewed?	b. False.
6. The last step in the ECAMP process is what?	d. Out-brief the installation commander.

MEMORANDUM FOR HQ AFCESA/CEOF
    139 Barnes Drive Suite 1
    Tyndall AFB, FL 32403-5319

FROM:

SUBJECT: Qualification Training Package Improvement

1. Identify module.

    Module # and title_____

2. Identify improvement/correction section(s):

    _____ STS Task Reference   _____ Performance Checklist
    _____ Training Reference   _____ Feedback
    _____ Evaluation Instructions   _____ Format
    _____ Performance Resources   _____ Other
    _____ Steps in Task Performance

3. Recommended changes--use a continuation sheet if necessary.

    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____
    _____

4. You may choose to call in your recommendations to DSN 523-6380 or FAX
    DSN/Commercial 523-6488 or (850) 283-6488 or email ceof.helpdesk@tyndall.af.mil.

5. Thank you for your time and interest.

                            YOUR NAME, RANK, USAF
                            Title/Position